

## **QCML Criteria**

### **Concrete Admixtures**

For a Concrete Admixture (CADD) to be listed on the Qualified Construction Materials List (QCML), a product must be evaluated by AASHTO's National Transportation Product Evaluation Program (NTPEP) and meet the requirements of Subsection M4.02.05 of MassDOT's Standard Specifications.

#### **NTPEP Testing**

MassDOT Research & Materials (RMS) shall evaluate the NTPEP data. The following criteria must be met as part of the product submission:

- The full 1-year report shall be released as "Public."
- The report shall state which type of admixture was tested.
  - If the CADD is Type S, please supply a Technical Data Sheet that states its usage.
  - Additional testing is required for Corrosion Inhibitor products in accordance with ASTM C1582 by an independent testing party.

#### **MassDOT Evaluation**

Manufacturers may request MassDOT evaluation once the NTPEP testing cycle is complete. The following criteria must be met as part of the product submission:

- The manufacturer of the CADD must certify that the product is in accordance with M4.02.05.

#### **Product Listing, Expiration, and Re-Approval**

Once approved, the CADD will be listed on the MassDOT QCML. The product shall remain on the approved list for five (5) years unless one of the following occurs:

- If the manufacturer does not have the product reevaluated by NTPEP in accordance with the NTPEP CADD workplan.
- If the product's technology changes.
- If the product formulation or technology changes, the manufacturer shall notify MassDOT RMS. o Manufacturers must resubmit products to NTPEP for testing upon any reformulation of the product.
- MassDOT RMS determines that the product no longer meets the minimum requirements.

A written request for re-approval must be submitted to the Department at least 60 days prior to the expiration date for the product to remain on the QCML.